

DeepLearn 2023 Summer

10th INTERNATIONAL GRAN CANARIA SCHOOL ON DEEP LEARNING

Las Palmas de Gran Canaria, Spain · July 17-21, 2023

Keynotes



Alex Voznyy
University of Toronto
Comparison of Graph Neural Network Architectures for Predicting the Electronic Structure of Molecules and Solids



Aidong Zhang
University of Virginia
Concept-Based Explainable Deep Learning Models

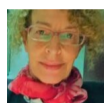
Courses



Eneko Agirre
University of the Basque Country
[introductory/intermediate] Natural Language Processing in the Large Language Model Era



Pierre Baldi
University of California Irvine
[intermediate/advanced] Deep Learning in Science



Natália Cordeiro
University of Porto
[introductory/intermediate] Multi-Tasking Machine Learning in Drug and Materials Design



Daniel Cremers
Technical University of Munich
[intermediate] Deep Networks for 3D Computer Vision



Stefano Giagu
Sapienza University of Rome
[introductory/intermediate] Quantum Machine Learning on Parameterized Quantum Circuits



Georgios Giannakis
University of Minnesota
[intermediate/advanced] Learning from Unreliable Labels via Crowdsourcing



Tae-Kyun Kim
Korea Advanced Institute of Science and Technology
[intermediate/advanced] Deep 3D Pose Estimation



Marcus Liwicki
Luleå University of Technology
[intermediate/advanced] Methods for Learning with Few Data



Chen Change Loy
Nanyang Technological University
[introductory/intermediate] Image and Video Restoration



Ivan Oseledets
Skolkovo Institute of Science and Technology
[introductory/intermediate] Tensor Methods for Approximation of High-Dimensional Arrays and Their Applications in Mach...



Deepak Pathak
Carnegie Mellon University
[intermediate/advanced] Continually Improving Agents for Generalization in the Wild



Kaushik Roy
Purdue University
[introductory/advanced] Neuromorphic Computing



Björn Schuller
Imperial College London
[introductory/intermediate] Deep Multimedia Processing



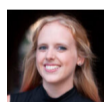
Amos Storkey
University of Edinburgh
[intermediate] Meta-Learning and Contrastive Learning for Robust Representations



Ponnuthurai N. Suganthan
Qatar University
[introductory/intermediate] Randomization-Based Deep and Shallow Learning Algorithms and Architectures



Jiliang Tang
Michigan State University
[introductory/advanced] Deep Learning on Graphs: Methods, Advances and Applications



Savannah Thais
Columbia University
[intermediate] Applications of Graph Neural Networks: Physical and Societal Systems



Li Xiong
Emory University
[introductory] Deep Learning and Privacy Enhancing Technology



Lihi Zelnik-Manor
Technion - Israel Institute of Technology
[introductory] Introduction to Computer Vision and the Ethical Questions It Raises

More info: <https://deeplearn.irdta.eu/2023su>



University of Las Palmas de Gran Canaria



Rovira i Virgili University



Institute for Research Development, Training and Advice - IRDTA



Cabildo de Gran Canaria



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